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Title: Sentence Classification Device and Method
1st Named Inventor: Eiji Murakami
Express Mail No.: EV665828985US

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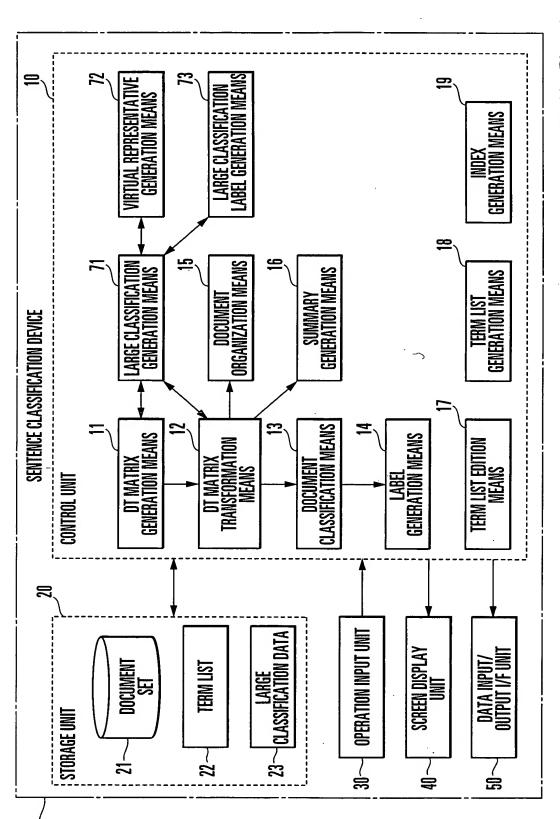
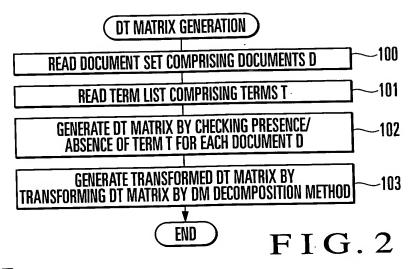


FIG.

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DOCUMENT SET

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DOCU	MENT SET							
Di	ANSWERER	DOCUMENT CONTENTS						
1	W0039411	KARAOKE IS ALSO FUN, ISN'T IT ? I CAN SING IN RHYTHM AND AM NEVER STOPPED FORM SINGING EVEN IF I MAKE A MISTAKE. WHEN I SING, PEOPLE AROUND ME MAKE SEVERE JUDGMENT, SO I NEED TO PUSH MYSELF INTO						
351	M0014787	IS IT ESCAPE FROM REALITY ? THAT MAY BE SO, BUT I DO NOTHING BUT SLEEP WHEN I FEEL STRESSED. A GOOD DREAM MAKES ME FEEL FINE						
289	M0010523	TAKING A BATH WITH BATH AGENT HAVING FAVORITE SCENT MAKES ME FEEL RELAXED. Reading a book while taking a bath relieves stress, so I take a book into						
319	W0013732	GETTING A MASSAGE MAKES ME FEEL HAPPY. HOWEVER, GETTING A MASSAGE FROM SOMEONE WHO DOES NOT KNOW CORRECT PRESSURE POINTS MAKES ME FEEL STRESSED. THAT IS, YOU NEED TO GET A MASSAGE FROM YOUR FAVOURITE						
57	W0039210	WELL, THAT IS GOOD. IT SOUNDS COMFORTABLE! SWINGING AND MISSING ALL THE TIME LIKE ME. HOWEVER, MAY MAKE YOU RATHER FEEL STRESSED, SUCH STRESS IS						
72	W0039200	I ALSO FREQUENT THE POOL. HOWEVER, WHEN I PUSH MYSELF TOO HARD, I WILL GET Tired. So I casually swim and walk for about 30 minutes						
111	W0012712	I TOOK A TRIP THE OTHER DAY FOR THE FIRST TIME IN YEARS, ALTHOUGH IT IS JUST AN OVERNIGHT TRIP. HAVING NO NEED TO PREPARE FOR MEALS AND MAKE BEDS MAKES ME SO HAPPY						
337	W0013147	AFTER ALL, GARDENING IS MY WAY OF STRESS RELIEVE. ALTHOUGH MY HUSBAND AND CHILDREN COMPLAIN ALL THE TIME, FLOWERS BLOOM WITHOUT ANY COMPLAINT						
360	W0015958	L HAVE A THREE-YEAR-OLD SON WE OFTEN GO TO A PARK, ALTHOUGH A GROWN-UP						
32	W0016759	I AM ALSO A BAD MARRIED WOMAN. I CANNOT SAY WITH CONFIDENCE THAT I Perfectly Manage Household Chores. I go out at night once per two or Three Months. At about 7 o'clock						

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TERM LIST

Ti		WORD FRONT	K	EYWORD BACK	IMPORTANCE			
1	STRESS	NOUN - GENERAL	RELIEF	NOUN - GENERAL	256			
2	RELIEF	NOUN - GENERAL	STRESS	NOUN - GENERAL	256			
3	STRESS	NOUN - GENERAL	WORK	NOUN - GENERAL	117			
4	WORK	NOUN - GENERAL	STRESS	NOUN - GENERAL	117	~27		
5	TIME	NOUN - UNINDEPENDENCE - ADVERB	STRESS	NOUN - GENERAL	116			
6	SMOKE	VERB - INDEPENDENCE	STRESS	NOUN - GENERAL	99			
7	-TIC	NOUN - SUFFIX - Adjective verb stem	STRESS	NOUN - GENERAL	88			
8	GO	VERB - INDEPENDENCE	STRESS	NOUN - GENERAL	86			
9	NIGHTCAP	NOUN - GENERAL	EVENING Drink	NOUN - GENERAL	85	,		
10	EVENING Drink	NOUN - GENERAL	NIGHTCAP	NOUN - GENERAL	85	Q.		
11			STRESS	NOUN - GENERAL	83]		
12	CHILD	NOUN - GENERAL	STRESS	NOUN - GENERAL	<u> </u>	1		

F I G. 4

DT MATRIY

UI MATRIX										
		DOCUMENT D 2							•	
1		D1	D2	D3	D4	D5	D6		Dm	
TERM T	T1	0	1	0	0	0	0		0	
	T2	0	1	0	1	0	0		0	11A
	T3	0	0 ,	0	0	0	1		0_	IIA
	T4	1	0	0	0	0	0			
	T5	0	0	0	0	0	0		1_	
	T6	0	0	0	0	1	0_		1	`
	T7	1	0	0	0	0	0			
	T8	0	0	0	0	0	0			
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	Tn	0	0	0	1	0	0	• • • • • • • • • • • • • • • • • • • •	0	J

0 = NO TERM TJ EXISTS IN DOCUMENT DI 1 = TERM TJ EXISTS IN DOCUMENT DI

F I G. 5

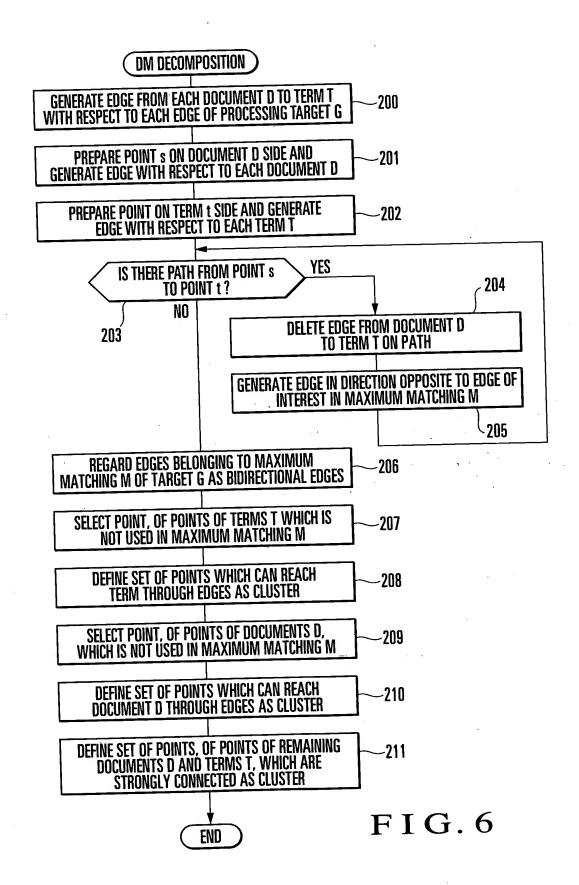
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FIG.7A

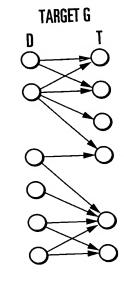
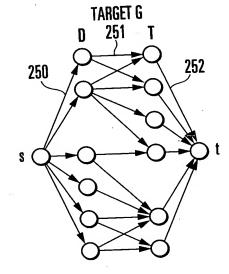


FIG.7B



MAXIMUM MATCHING M

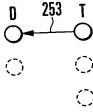
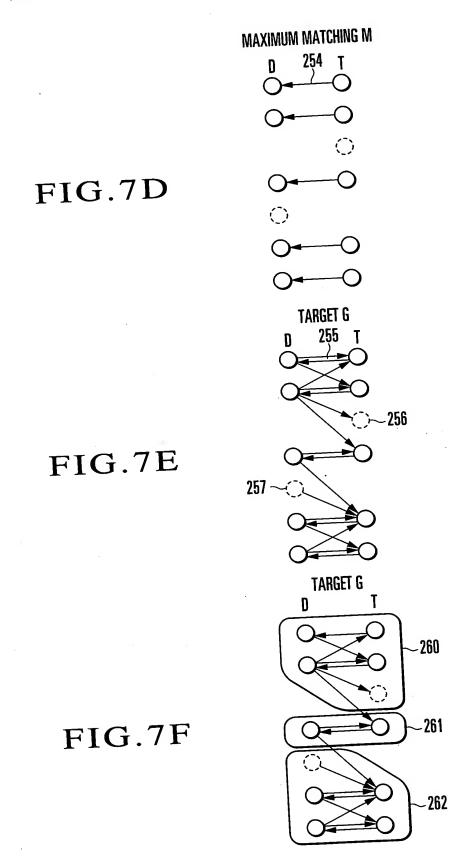


FIG.7C

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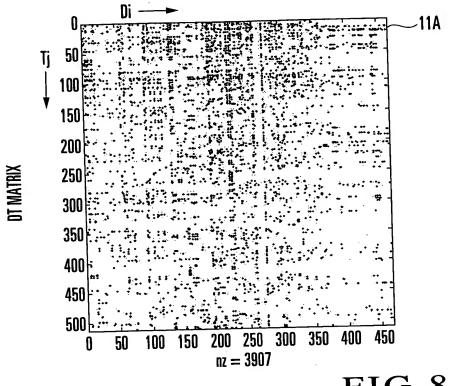


FIG.8A

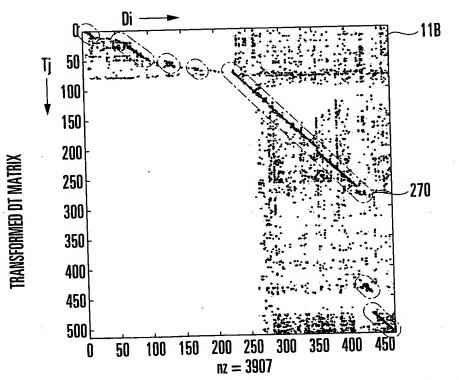
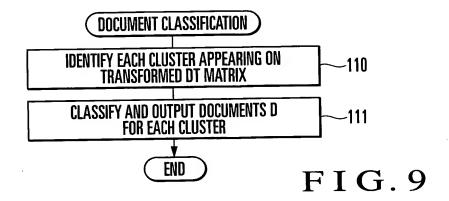


FIG.8B

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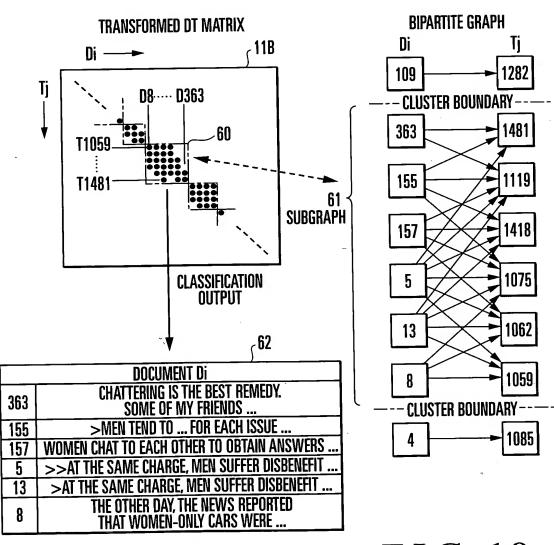


FIG. 10

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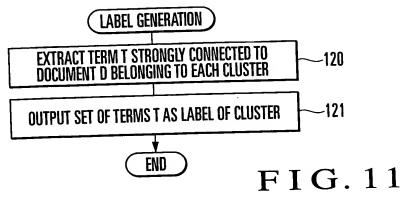
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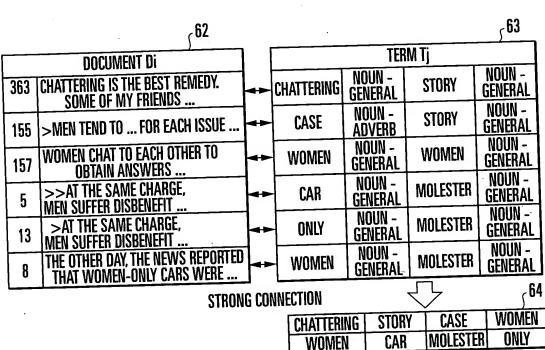
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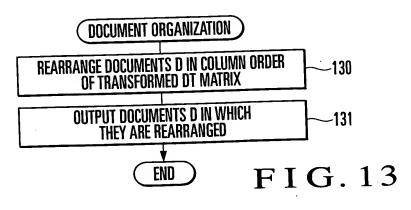
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OUTPUT AS LABEL OF CLUSTER (DOCUMENT CLASSIFICATION)

FIG. 12.



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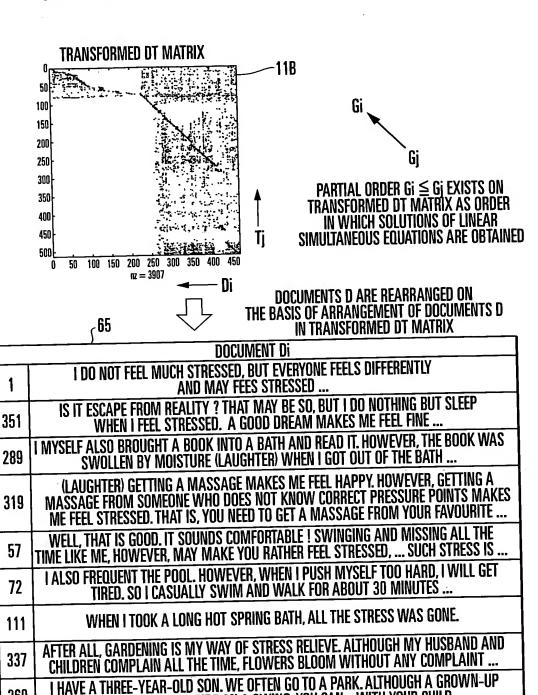
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360

32

390

227



FEELS TOO SHY TO RIDE ON A SWING, YOU CAN... WITH YOUR CHILD.

WE HAD A VERY GOOD TIME! WE HAD EIGHT MEMBERS WHO WORKED TOGETHER FOR

CHILDREN'S PARTY ACTIVITIES WHEN I WAS A CHILD, I WENT TO A PUBLIC BATHHOUSE.

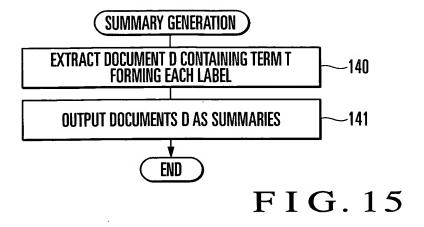
IT WAS FUN TO SWIM IN THE LARGE BATH. I READ A MAGAZINE OR THE LIKE WHILE MY HAIR WAS TREATED WITH HAIR

CONDITIONER OR WHILE TAKING A MASSAGE. I FEEL AS IF

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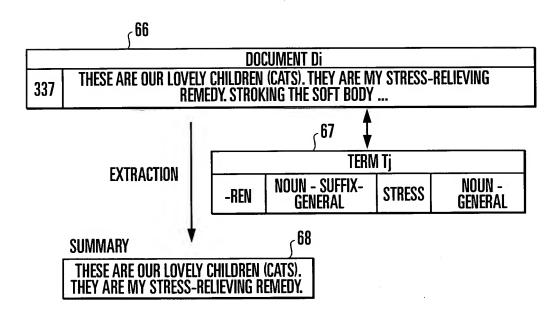


FIG. 16

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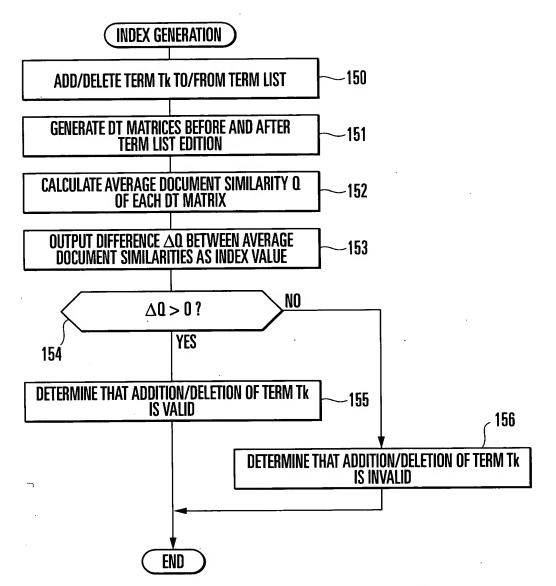


FIG. 17

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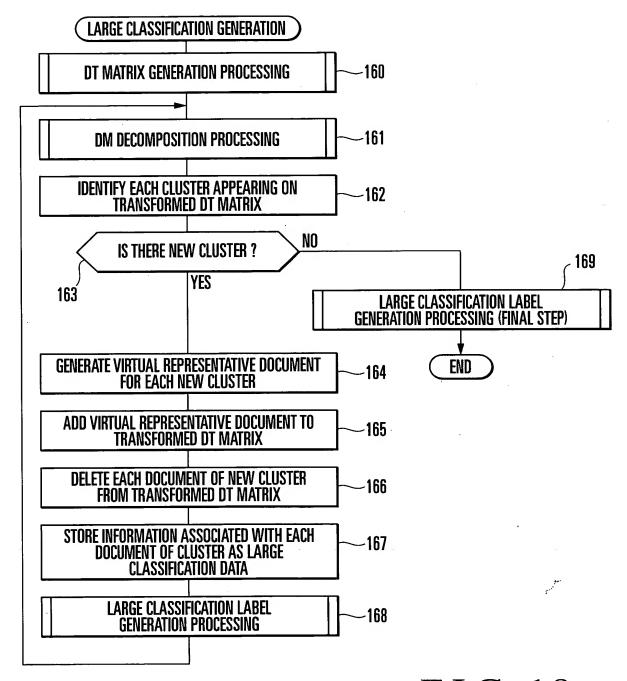
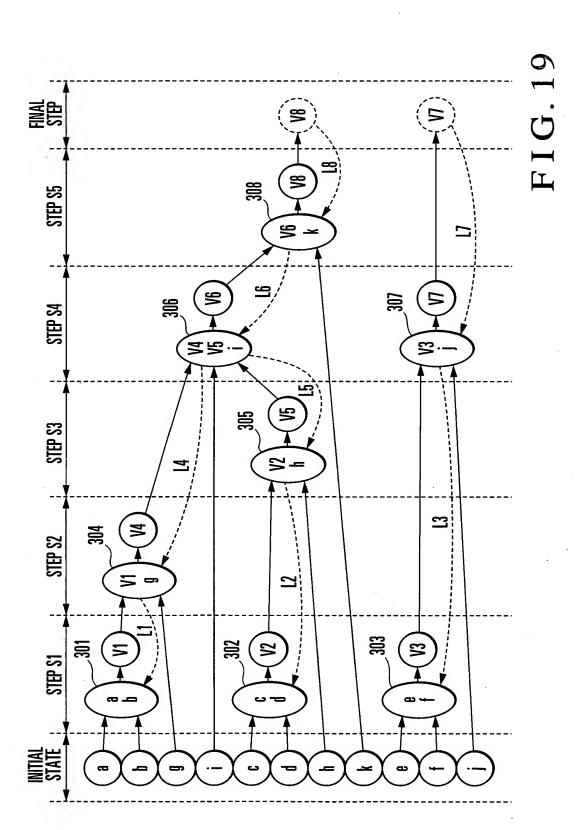


FIG. 18

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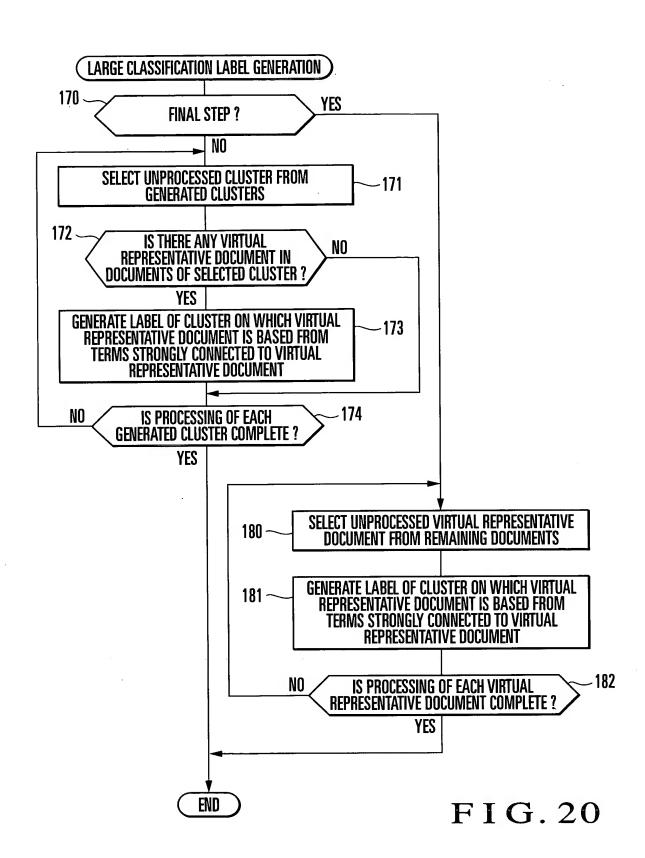


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DT MATRIX (INITIAL STATE)

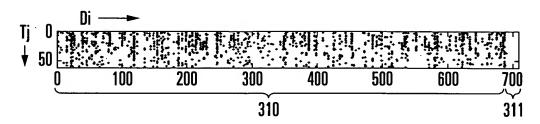


FIG. 21

DT MATRIX (FINAL STEP)

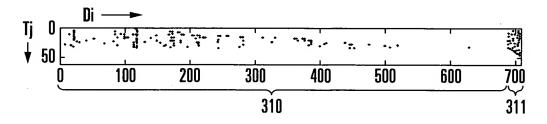


FIG. 22